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## NOTES AND NEWS.

THE sixteenth meeting of the Association of Teachers of Mathematics in the Middle States and Maryland was held in Teachers College, New York, April 22, 1910. The meeting was called to order by the president, Dr. Wm. H. Metzler, at ten-thirty o'clock in the chapel of the college.

After the reading of the minutes, Mr. Breckenridge, chairman of the Committee on Continuation Schools, reported the progress of his committee. The report was very interesting in the matter of the attitude of the students in those schools for more pure mathematics merely because of their place in the curriculum of the ordinary day school. The report was accepted and the committee was continued. The Algebra Syllabus Committee was also continued.

The first paper of the morning was given by J. T. Rorer, of the William Penn High School, Philadelphia, on "The Curriculum: Present Tendencies, Future Possibilities."

The work of the morning was concluded by a paper by A. M. Curtis, of the Oneonta Normal School, on "Study Supervision: Its needs in the Mathematics of the Elementary and Secondary Schools."

The first paper of the afternoon was a description with lecture table models of the slide rule and its uses, by Clifford B. Upton, of Teachers College. This was followed by a description with stereopticon illustrations of the calculating machines then on exhibition in the Educational Museum of Teachers College.

Preliminary reports for the committees on arithmetic, algebra and geometry were given by Mr. Rorer for the Committee on Arithmetic and by Mr. Durrell for the Committee on Geometry. These reports consisted of plans for carrying on the work. The meeting adjourned (after expressing its thanks to Teachers College) to the Educational Museum for the privilege of inspecting the exhibit of slide rules, calculating machines, rare books and manuscripts.

THE tenth regular meeting of the Rochester Section was held at the University of Rochester, Saturday, April 29, 1911, with the following program: "The Effort to Obtain a National

Syllabus for 'Geometry," by Mr. W. Betz, East High School, Rochester; "The Course in Mathematics at the Buffalo Central High School," by Miss M. M. Wardwell, Central High School, Buffalo; "A High School Mathematical Club," by Miss E. M. Pierce, High School, Lockport; "The Infinite in Geometry," by Mr. A. S. Gale, the University of Rochester.

THE regular spring meeting of the New York section was held Friday, May 12, 1911, at 8 P.M., in High School of Commerce with the following program: "The Way to Begin Solid Geometry," by Howard F. Hart, High School, Montclair, N. J.; "Testing Methods of Factoring the Quadratic Trinomial," by Fiske Allen, Horace Mann High School, New York City; "How to Decrease the Mortality in the First Two Years of the High School," by William R. Lasher, Erasmus Hall High School, Brooklyn; "A Boys' Mathematical Society," by William E. Breckenridge, Stuyvesant High School, New York City; "The Teaching of Algebra in the Grammar Grades," by James A. Bridges, High School, New Rochelle, N. Y.; "An Experiment in Parallel Courses," by Clarence P. Scoboria, Polytechnic Preparatory School, Brooklyn; "Alligation—Past, Present, and Future," by Willard A. Ballou, Pratt Institute, Brooklyn.

THE spring meeting of the Philadelphia section was held in the Central High School, Thursday afternoon, May 25. Two papers were presented: I., "A New Solution of Higher Equations, giving all roots, real and imaginary, expressed in Infinite Series," by Mr. H. H. Foering, headmaster of the Bethlehem Preparatory School. The discussion was opened by Professor Walter R. Marriott, Swarthmore College. II., "To What Extent should Graphical Methods be used in the Secondary School Algebra?", by Professor O. E. Glenn, University of Pennsylvania. This was discussed by Mr. Thomas Moore, North East Manual Training High School; Miss Muriel Smith, William Penn High School; Mr. Thomas K. Brown, Westtown School. The following officers were elected for the ensuing year: President, Dr. Edward D. Fitch, Delancey School; vice-president, Professor Maurice J. Babb, University of Pennsylvania; secretary, Miss Elizabeth B. Albrecht, Philadelphia High School for Girls; members of the executive committee, Miss Agnes Long, William Penn High School, Professor Charles L. Thornburg, Lehigh University.